

Converting Colors

Hex(015763)

Have a look what the booklet for
Hex(015763) contains.

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Color

Hex(015763)

Conversions

Conversions Part 1

Format	Color
Hex	015763
RGB	1, 87, 99
RGB Percent	0%, 34%, 39%
CMY	0.9961, 0.6588, 0.6118
CMYK	0.99, 0.12, 0.00, 0.61
HSL	187°, 98%, 20%
HSV	187°, 99%, 39%
XYZ	5.6728, 7.7237, 12.9962
YIQ	62.6540, -55.1080, -14.5000

Conversions

Conversions Part 2

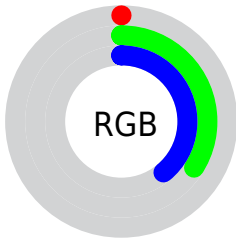
Format	Color
R _Y B	1, 47, 99
Decimal	87907
CIE Lab	33.40, -17.53, -13.30
CIE LCh	33, 22.007, 217.179
Yxy	7.7237, 0.2149, 0.2926
Android (android.graphics.Color)	4278277987 (0xFF015763)
YUV	62.6540, 17.9186, -54.0706
Hunter-Lab	27.7915, -12.1995, -8.2718

Details

The Hex color **015763** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **630D01**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **468996**, and **002934** is the 20% darker color. If you saturate the color by 10%, you get **005763**, and if you desaturate by 10%, it is **0B5863**.

Distribution



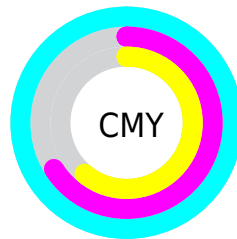
- Red (0%)
- Green (34%)
- Blue (39%)



- Red (0%)
- Yellow (18%)
- Blue (39%)



- Cyan (99%)
- Magenta (12%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (66%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 015763 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 015763 by changing the saturation by 10% instead.

015763

015763

FFFFFF

00404B

468996

002934

61A3B0

00151F

7DBFCC

000005

98DAE8

000000

B4F7FF

D1FFFF

EEFFFF

015763

015763

■ 005763

■ 0B5863

■ 155963

■ 1F5B63

■ 295C63

■ 335D63

■ 3C5E63

■ 465F63

■ 506163

■ 5A6263

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



145852



015763



1D546E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



015763



68435C



564F2C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



015763



630D01

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65492F



015763



70414B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



015763



56486A



6F433A



435432

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



015763



325171



6F433A



5B4D2C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



015763



597B80



01630C



293D40



BFBFBF



404040

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



015763



007080



012763



2C3030



006270



00D2F0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



630157



800070



633D01



302C30



700062



F000D2

Previews

White Background



This preview shows how the Hex color 015763 looks on a white background.

Color Contrast Check

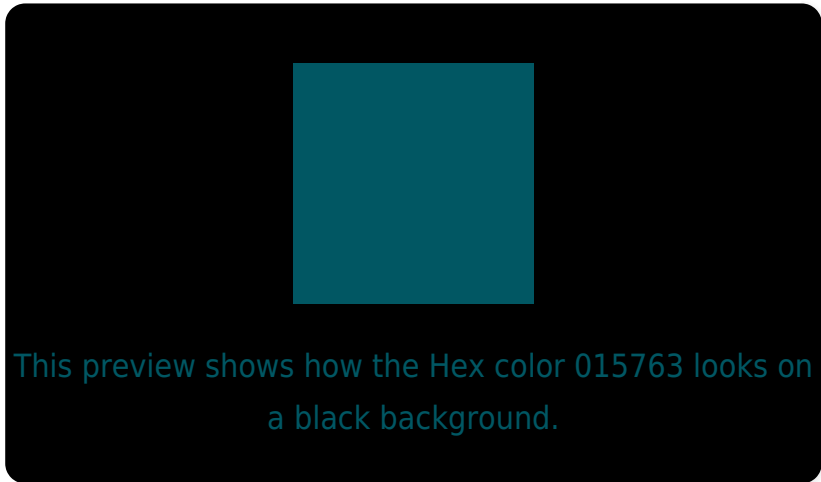
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

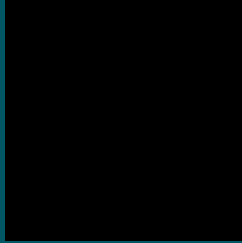
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 015763 Background



This preview shows how black text looks on a background with the Hex color 015763.



This preview shows how white text looks on a background with the Hex color 015763.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
015763

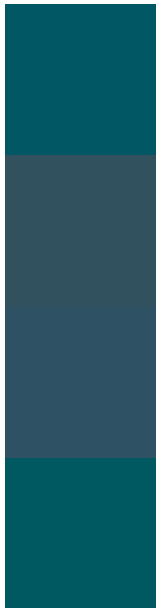
Protanopia
4C4E5D

Deuteranopia
4A4D65



Tritanopia
00585F

Trichromacy



Original Color
015763

Protanomaly
31515F

Deuteranomaly
2F5164

Tritanomaly
005860

Monochromacy



Original Color
015763

Achromatopsia
3F3F3F

Achromatomaly
28484C

CSS Examples

Text

The CSS property to change the color of the text to Hex 015763 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #015763 looks like.

```
.text, #text, p{  
    color:#015763  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #015763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #015763
}
```

Border

The CSS property to change the border of an element to Hex 015763 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#015763 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#015763 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #015763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #015763; -webkit-box-shadow:4px 4px  
4px 4px #015763; box-shadow:4px 4px 4px  
4px #015763 }
```

Background

The CSS property to change the background color of an element to Hex 015763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#015763 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#015763 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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